

AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) A system for drying sludge from wastewater purifying stations, the drying occurring in a chamber receiving the products to be dried, the system comprising:

a greenhouse with translucent or transparent walls erected on a slab upon which a bed of products to be dried is deposited;

at least one wind generator generating electrical energy which is converted to heat that is delivered to the slab upon which the bed of products to be dried is spread; and

regulating means having sensors measuring the temperature of the bed of products to be dried, the air temperature respectively inside and outside the greenhouse and the humidity of the air, these sensors actuating mobile louvers provided, respectively, in the top portion and in the bottom portion, on the walls of the greenhouse in order to regulate the natural convection removing moisture laden air.

6. (Previously Presented) The installation as claimed in claim 5, further comprising programming and automation means.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)